

# MISSOURI AGRICULTURAL EDUCATION

## 2017 FACT SHEET



**A**griculture — It's America's most creative, productive and basic industry. Today, we credit a sound education program for much of this country's success in agriculture. For agriculture to advance — both dynamically and efficiently — education must be a top priority. From learning institutions to government agencies and related businesses, we must all work together to provide leadership for the future through strengthened education.

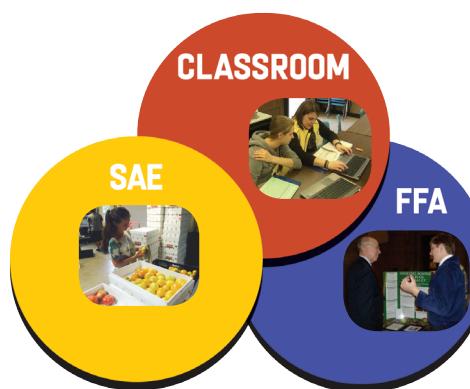


*Leadership is one component of agricultural education's model of learning. FFA also helps students learn hands-on career skills.*



### WHY WE NEED AG EDUCATION

- Accelerating globalization of markets.
- Growing demand for environmental protection and safe food.
- Increasing dependence on technology.
- Declining public understanding of agriculture.
- Growing need for highly trained and diverse workforce.



### HOW STUDENTS LEARN

Through **classroom instruction**, ag ed students use unique problem-solving skills.

Ag Ed students gain **hands-on experience** outside the classroom through their Supervised Agricultural Experience.

**Leadership development** is a key component of FFA. Activities are designed to promote personal skill development.

### AT A GLANCE

**28,285**

Students enrolled in Missouri agricultural education programs

**342**

High schools and career centers offering agriculture classes

**5,419**

High school agricultural education graduates in 2015. Of this, 95.2% were employed or continuing their education. 64% are pursuing agriculture as a career.

# WHAT'S THE IMPACT OF MO AG EDUCATION?

## CLASSROOM INSTRUCTION



*Agricultural Mechanics and Technology is one of six career cluster areas students can select.*



*Local FFA chapters build community partnerships through programs that help feed the hungry.*

## FFA: LEADERSHIP DEVELOPMENT

The FFA Motto: *Learning to Do, Doing to Learn, Earning to Live, Living to Serve.*

- Local, chartered FFA chapters where members work with their community.
- Area, district and state programs help members advance their leadership skills and career objectives.
- Missouri FFA membership in 2015-16 was **26,057**.



*Agriscience projects are growing in interest among ag education students.*

Missouri Ag Education | Phone 573.751.3544  
<http://https://dese.mo.gov/college-career-readiness/career-education/agricultural-education>  
[www.missouriffa.org](http://www.missouriffa.org).

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Ag education students select their interests in one of six Agricultural Career Cluster areas:

- Agricultural Business Management Systems
- Agricultural Mechanics & Technology
- Animal Science Systems
- Food Science Systems
- Natural Resources Conservation Systems
- Plant Science / Horticultural Systems

## SAE: HANDS-ON LEARNING

Ag ed students select courses and Supervised Agricultural Experience Program (SAE) activities that relate to his or her agricultural interest.

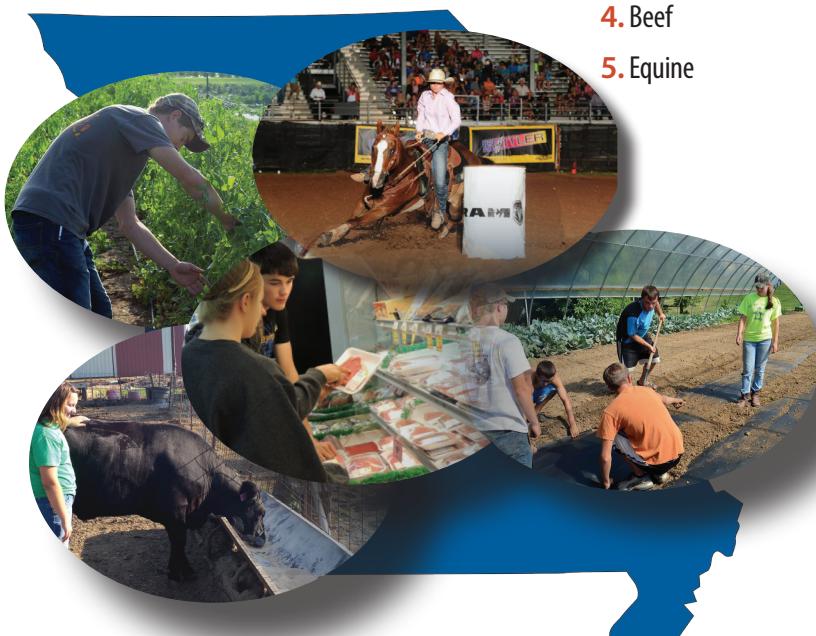
In 2016, of the 75% of students who completed SAE programs:

- **17%** had entrepreneurship only projects.
- **48%** had placement only projects where students work for someone in an agribusiness or on a farm.
- **7%** had agriscience projects.
- **28%** had a combination of projects.

Statewide, more than **\$48,320,789** net income was generated through SAE programs.

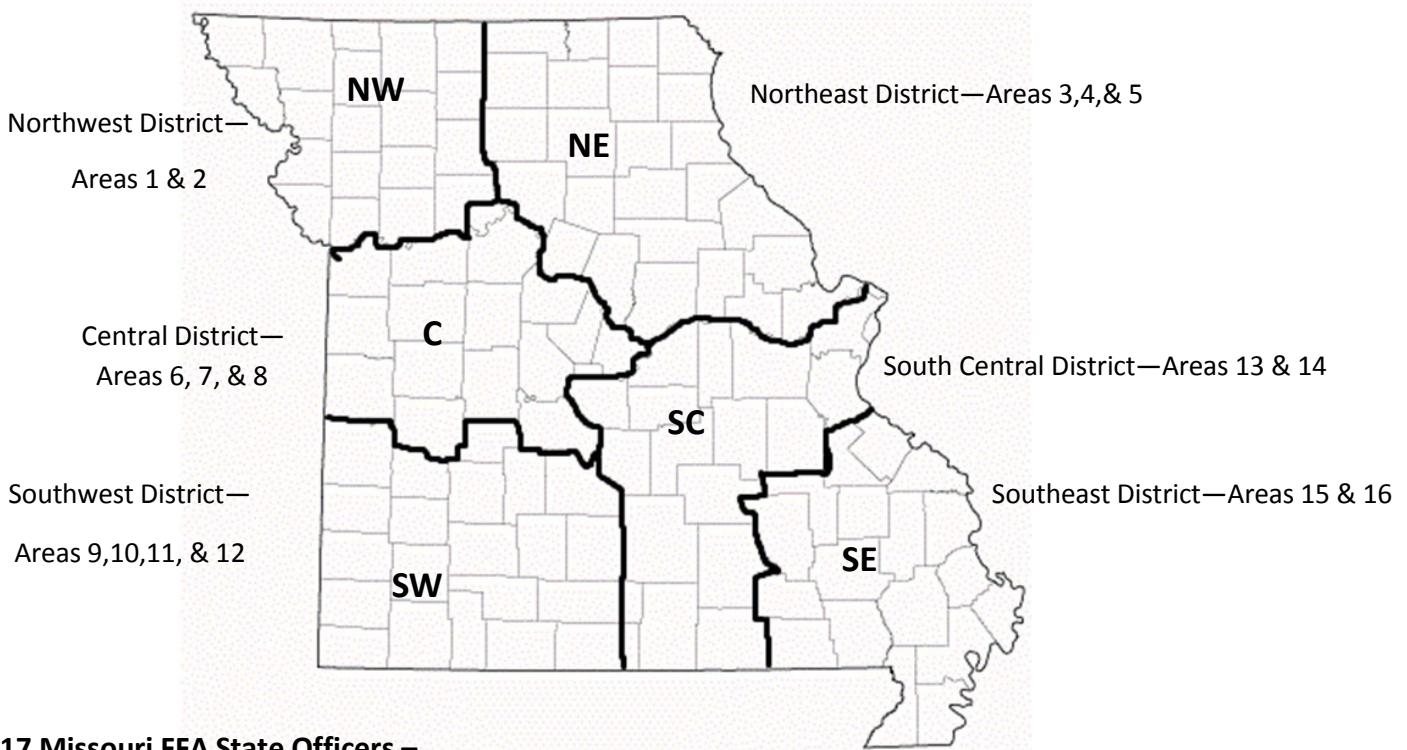
## MISSOURI'S TOP 5 SAE PROGRAMS

1. Placement/Agribusiness Systems
2. Placement/Animal Systems
3. Placement/Food Production
4. Beef
5. Equine



## Missouri FFA & Ag Education Facts 2017 FFA Knowledge LDE Resource

### Missouri FFA Districts & Areas –



### 2016-17 Missouri FFA State Officers –

President, Area 11 – Colton Spencer, Aurora	Vice President, Area 9 – Jessica Hylton, Miller
1st Vice President , Area 4, Baileigh Horstmeier, Fulton	Vice President, Area 10 – Ashley Spear, Halfway
Secretary , Area 1 – Jacqueline Janorschke, De Kalb	Vice President, Area 12 – Jessie Peterson, Branson
Vice President , Area 2 – Logan Korff, Norborne	Vice President, Area 13 – Heidi Murry, Plato
Vice President , Area 3 – Natalie Ayers, Green City	Vice President, Area 14 – Macey Hurst, Fatima
Vice President, Area 5 – Nick Banze, Warrenton	Vice President, Area 15 – Hunter Kay, Fredericktown
Vice President , Area 6 – Emily Lock, Carrollton	Vice President, Area 16 – Moriah McLard, Richland(Essex)
Vice President, Area 7 – Hunter Lovewell, Sherwood	Past President, Area 2 – Adam Kirby, Trenton
Vice President, Area 8 – Katherine Imhoff, California	

### 2016-17 Missouri Agricultural Education & FFA State Staff –

Leon Busdieker - Director of Agricultural Education, State FFA Advisor  
Keith Dietzschold - NW District Supervisor, State FFA Executive Secretary  
Marie Davis - NE District Supervisor, State FFA Executive Treasurer  
Lisa Evans - Central District Supervisor  
David Higgins - SC & SE District Supervisor  
Steven Rogers - SW District Supervisor



## Missouri FFA Demographics –

Agricultural Education Enrollment – 28,285

Number of FFA Chapters – 342

2015-16 State FFA Membership – 26,057



Missouri FFA Association



@MissouriFFA



Instagram

@missouriffa



Snapchat

missouriffa

[More Info](#)

[www.missouriffa.org](http://www.missouriffa.org)

## Missouri FFA Leadership Events –

Greenhand Motivational Conferences – Held annually in January, State FFA Officers educate and motivate new FFA members to become active in the organization and set personal goals during this conference.

State FFA Convention – Held annually in Columbia during April, State FFA Convention provides an opportunity for members to gain leadership skills, compete in Career Development Events and Leadership Development Events, explore careers and educational opportunities, and receive recognition for personal and chapter achievements.

LEAD (Lead, Educate, Advance, Develop) Conference for Chapter Officers – Held each May at various locations across the state, the LEAD Conference prepares chapter officer teams for their year of service through team building activities, POA planning, and developing a chapter recruitment plan.

Public Speaking Academy (PSA) – Each June, FFA members can participate in this three-day event designed for speakers of all experience levels. Each student develops and presents their speech on an agricultural topic.

State FFA Leadership Camp – Held each summer for six weeks at Camp Rising Sun on the Lake of the Ozarks, State FFA Leadership Camp provide members with opportunities for personal leadership development, interaction with State FFA Officers and other members, and recreational activities.

Area Officer Institute (AOI) – Each June, Area FFA Officer teams are invited to participate in AOI to develop team goals, establish officer responsibilities and gain valuable experience needed for success as Area Officers.

HYMAX Academy – **H**elping **Y**outh **M**aximize **A**gricultural **eX**periences, HYMAX was established as a tribute to long-time State FFA Advisor, Dr. Terry Heiman. HYMAX attendees are Greenhands (100 strong) who gain experience in developing an agriculture advocacy plan, tour unique agricultural operations, and develop friendships with other members.

HYPE Academy – **H**elping **Y**outh **P**repare for **E**xcellence, HYPE was established in partnership with the Missouri Corn Growers to give students hands-on experiences in communicating and advocating for the agricultural industry. Thirty (30) incoming seniors will leave with tools to help others tell the agriculture story!

Public Speaking Institute (PSI) – Two weekends in January there is a one day institute that targets freshmen through seniors to improve their public speaking skills. Attendees gain knowledge in FFA speaking CDE's, tips on advocating for agriculture, and the essentials to better verbal communication.